

SPECIFICATION

025100, 025200, 025300

Manufacturers standard ride on roller shall be supplied utilizing the following code/s.

All codes shall provide 100 percent coverage in a single pass. Un ballast weight minimum 9,000 pound, maximum 13,500 pound. Fully ballast weight minimum 24,000 pound, maximum 30,800 pound.

025100 – Roller, Rubber tire, Self propelled, 9 wheel, Articulation. Ref. Bomag BW11RH, Roscoe Tru-Pac 915.

025200 – Roller, Rubber tire, Self propelled, 9 wheel, Articulation asphalt. Roller shall be equipped with non-stick tires. Ref: Michelin XLC7.5R. Factory installed skirting to maintain maximum heat at the tires.
Ref. Bomag BW11RH, Roscoe Tru-Pac 915

025300 – Roller, Rubber tire, Self propelled, 9 wheel, Straight frame. Ref. Cat PS150C, Volvo PT125, Dynapac CP142,

The following additional items shall be supplied

	Accepted
1. A color chip of the factory color shall be provided. Mandatory : Bidder must provide option pricing for having unit bid to be painted PENNDOT yellow. Reference DUPONT F9885, PPG 85246, Sherwin Williams 73266 or Napa 73266 shade only.	
Comments	
2. Supplied equipment shall comply with current EPA regulations for model year supplied. Non-compliant equipment will be rejected.	
Comments	
3. Grab handles and platform shall be coated with anti-skid paint. (Tape is not acceptable)	
Comments	
4. Rollers shall be equipped with scrapers and cocoa mats.	
Comments	
5. Rollers shall be equipped with a manufacturer's standard water sprinkling system.	
Comments	
6. Hour meter – hour meter shall record only when the engine is running.	
Comments	
7. FLOCS system per EQN-351A.	
Comments	
8. Turn signals / 4 way flashers front & rear and a rearview mirror shall be installed. Rearview mirror must be able to be utilized from the seating position.	
Comments	
9. A ROPS system and a high visibility orange operators seatbelt shall be supplied and installed.	
Comments	
10. Backup alarm. ECCO 450 shock mounted. (No substitute, standardization). Alarm shall not be mounted on the machine's roll bar or in close proximity to the operator's ear.	
Comments	
11. Amber LED warning light shall be a Whelen L31HAF – 360 degree visibility. 4-6 week lead time is needed for ordering this light. Contact Dave Comerford 586-484-3012 or Brad Walker 740-325-6727	
Comments	
12. Fire extinguisher, 5 LB. 3A40BC type rechargeable with vehicle mount and weatherproof cover shall be mounted within reach of operator.	
Comments	
13. Install slow moving sign with a quick release bracket. Stickers or decals will not be accepted	
Comments	
14. There shall be a "Three Point of Contact" sticker applied at all climbing locations Ref. EQN-552-1 drawing	
Comments	
15. Instrument panel shall be fitted with anti-vandalism protection cover and lock. All filler and fluid caps fuel, oil, water tank caps and any other caps that are deemed necessary shall be lockable and all locks keyed alike.	
Comments	
16. Training there shall be 7.5hrs combined operator and mechanic training done at the final county location per unit.	
Comments	
17. The warranty start up date shall be defined as the date of transfer from the PENNDOT Fleet Management Division to the designated county location. This will be considered the date of delivery to the county and NOT the date of delivery by the successful bidder to the department. The PennDOT Fleet Management will supply the actual start-up date, equipment number and serial number of the machine, via email, to the successful bidder. It is the responsibility of the successful bidder to ensure that the equipment manufacturer recognizes and applies the Department's actual warranty start-up date in their database.	

The roller shall be equipped with means of adjusting the wheel load by ballasting, and the ply-rating of the tires shall be such that they will support the maximum operating wheel load at the specified maximum contact pressure.

WEIGHT DISTRIBUTION Must be submitted with the Bid and Pilot Model

This form meets the requirements as outlined for the weight distribution slip (all blanks must be filled in).
Roller Light Weight, no ballast or permanent mounted solid weight or steel shaving boxes. (Bare unit).

Weigh slip requirements to be presented with the pilot model:

Roller only _____ Front Axle
(Barren Weight)
_____ Rear Axle
_____ Total

"Roller with ballasts", shall be total weighed by a certified weight master and signed and presented with pilot model.

With water ballast _____ gallon Total _____

With dry sand _____ cu. ft. Total _____

With wet sand _____ cu. ft. Total _____

Using total figures above (water ballast = _____ LBS per wheel compaction effort

Using total figures above (dry sand ballast) = _____ LBS per wheel compaction

Using total figures above (wet sand ballast) = _____ LBS per wheel compaction

Then using from above lbs. per wheel

Water _____ GCP per tire
Dry Sand _____ GCP per tire
Wet Sand _____ GCP per tire

The manufacturer shall furnish a certified ground contact pressure chart in 100 LB increments between 2,000 and 3,000 LB wheel loads to reflect the closest 100 LB weight. **Chart shall be a weather-resistant decal or metal tag attached to the roller.**

Wet weight of sand (120 LBS approximately) per cubic ft. shall be used to calculate weights.